

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An optical head apparatus, comprising:

a semiconductor laser light source;

a photodetector that receives at least one part of light from said semiconductor laser light source;

a light reflection element provided with a peripheral section that reflects peripheral light of the light from said semiconductor laser light source and condenses it into said photodetector and a central section that transmits central light of the light from said semiconductor laser light source; and

a condenser lens that condenses the light that passes through said light reflection element onto an optical disc,

wherein:

each surface of the central section of said light reflection element has a flat shape; and

at least one surface of the peripheral section of said light reflection element has a spherical or non-spherical curved shape, the spherical or non-spherical curved ~~shape~~ shape;

forming a surface of rotation about the central section of the light reflecting element; and

having a cross-sectional shape in a plane perpendicular to a front surface of the central section of said light reflection element which includes two sections of a single curve with zero inflection points.

2. (Cancelled)

3. (Currently Amended) The optical head apparatus according to claim 1, ~~characterized in that~~ wherein the condensing function of the peripheral section of said light reflection element has a spherical aberration.

4.-6. (Cancelled)

7. (Currently Amended) The optical head apparatus according to claim 1, ~~characterized in that one~~ wherein the front surface of the central section of said light reflection element is not parallel to the ~~other~~ a back surface of the central section of the said light reflection element.

8. (Cancelled)

9. (Original) The optical head apparatus according to claim 1, wherein the optical axis of the reflected light from the peripheral section of said light reflection element is inclined with respect to the optical axis of the light from said semiconductor laser light source.

10. (Cancelled)

11. (Original) The optical head apparatus according to claim 1, wherein said semiconductor laser light source and said photodetector are formed in one package.

12-30. (Cancelled)

31. (Previously Presented) The optical head apparatus according to claim 1, wherein:

a first surface of the peripheral section of said light reflection element is nearer the semiconductor laser light source than a second surface of the peripheral section of said light reflection element; and

the first surface has a flat shape and the second surface has the spherical or non-spherical curved shape.